

Table 14.15  
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

SEER Incidence and U.S. Mortality  
Age-Adjusted Rates and Trends<sup>a</sup>  
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas <sup>b</sup>			SEER 13 Areas <sup>b</sup>			SEER 9 Areas <sup>b</sup>		
	Rate 2009-2013			Trend 2004-2013 <sup>c</sup>			Trend 2004-2013 <sup>d</sup>		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	8.4	13.0	4.4	2.7*	2.3*	2.4*	3.0*	2.8*	2.7*
White	7.5	11.6	3.9	3.8*	3.8*	4.0*	4.3*	4.0*	4.0*
White Hispanic <sup>e</sup>	13.5	20.4	7.7	3.0*	2.9*	2.7*	-	-	-
White Non-Hispanic <sup>e</sup>	6.5	10.1	3.3	3.9*	3.9*	3.8*	-	-	-
Black	10.0	16.4	4.9	3.7*	2.5*	2.7*	3.1*	3.8*	2.8*
Asian/Pacific Islander	13.5	20.8	7.6	-2.1	-1.8	-2.4	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	12.9	18.5	8.1	2.5*	3.1*	1.2	-	-	-
Hispanic <sup>e</sup>	12.9	19.5	7.4	3.0*	2.9*	2.7*	-	-	-
<u>U.S. Mortality<sup>g</sup></u>									
	Rate 2009-2013			Trend 2004-2013 <sup>h</sup>					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	6.1	9.1	3.6	2.6*	2.8*	2.1*			
White	5.7	8.3	3.4	2.9*	3.0*	2.3*			
White Hispanic <sup>e</sup>	9.6	13.8	6.1	2.0*	2.0*	1.7*			
White Non-Hispanic <sup>e</sup>	5.3	7.8	3.2	2.9*	2.9*	2.4*			
Black	8.1	12.8	4.4	2.5*	2.4*	1.1*			
Asian/Pacific Islander	9.7	14.4	6.0	-0.8*	-0.8*	-0.7*			
Amer Ind/Alaska Nat									
Total U.S.	7.1	9.8	4.8	1.8*	1.8*	1.3			
CHSDA Counties	10.2	14.3	6.8	2.3*	2.6*	1.5			
Non-CHSDA Counties	3.6	4.8	2.5	2.0*	1.8	2.8*			
Hispanic <sup>e</sup>	9.0	13.0	5.7	1.9*	1.8*	1.6*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.
- Trend based on less than 10 cases for at least one year within the time interval.
- <sup>a</sup> Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- <sup>b</sup> The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.
- The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.
- The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.
- <sup>c</sup> The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2013.
- <sup>d</sup> The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2013.
- <sup>e</sup> Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2004-2013 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- <sup>f</sup> Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- <sup>g</sup> US Mortality Files, National Center for Health Statistics, CDC.
- <sup>h</sup> The 2004-2013 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2013.
- \* The APC is significantly different from zero (p<.05).